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SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800			EXAMINER	
			ORWIG, KEVIN S	
WASHINGTON, DC 20037			ART UNIT	PAPER NUMBER
			1611	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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	Application No.	Applicant(s)
	10/599,119	JANSSENS ET AL.
Office Action Summary	Examiner	Art Unit
	Kevin S. Orwig	1611
The MAILING DATE of this communication ap Period for Reply	opears on the cover sheet with the	correspondence address
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING I - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory perior. - Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNICATIO .136(a). In no event, however, may a reply be d will apply and will expire SIX (6) MONTHS fro tte, cause the application to become ABANDON	DN. timely filed m the mailing date of this communication. JED (35 U.S.C. § 133).
Status		
1) ■ Responsive to communication(s) filed on 1/2. 2a) ■ This action is FINAL . 2b) ■ Th 3) ■ Since this application is in condition for allowed closed in accordance with the practice under	is action is non-final. ance except for formal matters, p	
Disposition of Claims		
4) Claim(s) 1-7 and 19-36 is/are pending in the 4a) Of the above claim(s) is/are withdres 5) Claim(s) is/are allowed. 6) Claim(s) 1-7 and 19-36 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/	awn from consideration.	
Application Papers		
9) The specification is objected to by the Examir 10) The drawing(s) filed on is/are: a) acceptable and applicant may not request that any objection to the Replacement drawing sheet(s) including the correction of the oath or declaration is objected to by the Examiration.	ccepted or b) objected to by the edrawing(s) be held in abeyance. So ction is required if the drawing(s) is considerable.	ee 37 CFR 1.85(a). bjected to. See 37 CFR 1.121(d).
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documer 2. Certified copies of the priority documer 3. Copies of the certified copies of the pri application from the International Bure: * See the attached detailed Office action for a list	nts have been received. nts have been received in Applica ority documents have been recei au (PCT Rule 17.2(a)).	ntion No ved in this National Stage
Attachment(s) 1) \[\sum \text{Notice of References Cited (PTO-892)} \]	4) 🔲 Interview Summa	ry (PTO-413)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper No(s)/Mail 5) Notice of Informal 6) Other:	Date

DETAILED ACTION

The amendments and arguments filed Jan. 25, 2010 are acknowledged and have been fully considered. Claims 1-7 and 19-36 are now pending. Claims 8-18 are cancelled; No claims are amended; claim 36 has been added. Claims 1-7 and 19-36 are now under consideration.

OBJECTIONS/REJECTIONS MAINTAINED

The rejection of claims 1, 2, 4, 5, 19, 20, 22, 23, 33, and 34 under 35 U.S.C. 103(a) over BALOG and EMMESSAR is maintained as discussed below.

The rejection of claims 21 and 25 under 35 U.S.C. 103(a) over BALOG, EMMESSAR, and COOK is maintained as discussed below.

The rejection of claim 24 under 35 U.S.C. 103(a) over BALOG, EMMESSAR, COOK and MOLLY is maintained as discussed below.

The rejection of claims 1-6, 26-31, 33, and 35 under 35 U.S.C. 103(a) over COOK and ZHANG is maintained as discussed below.

The rejection of claims 7 and 32 under 35 U.S.C. 103(a) over COOK, ZHANG, and MOLLY is maintained as discussed below.

Claim Rejections - 35 USC § 103 (Maintained)

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

The factual inquiries set forth in *Graham* v. *John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

- 1. Determining the scope and contents of the prior art.
- 2. Ascertaining the differences between the prior art and the claims at issue.
- 3. Resolving the level of ordinary skill in the pertinent art.
- 4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1, 2, 4, 5, 19, 20, 22, 23, 33, 34, and new claim 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over BALOG (Balog, J. M. (2003). *Avian and Poultry Biology Reviews*, 14(3); pp. 99-126; 1st NPL Ref. on IDS dated Jan. 19,

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2007) in view of Emmessar Biotech & Nutrition Ltd. Webpage (hereinafter EMMESSAR; available Dec. 4, 2000).

- 1. Balog teaches that ascites syndrome, first noticed in poultry raised at high altitude, has become a significant problem for poultry producers everywhere, and is now prevalent everywhere that broilers are raised (title; abstract; p. 100, 1st col., lines 28-29 p. 102, 2nd col., section 3.1; p. 115, right col., lines 7-8). Balog teaches that a number of factors including, *inter alia*, altitude, oxygen requirements, and pulmonary hypertension, contribute to ascites, but that all of these factors cause ascites by inducing hypoxia in the bird (abstract; Fig. 1). In fact, Balog teaches that the primary stimulus of ascites is believed to be hypoxia (p. 100, 1st col., lines 13-15). Balog emphasizes that the high growth rate in modern broiler chickens results in a high demand for oxygen (abstract; p. 100, 1st col., 2nd paragraph; p. 102, last paragraph; p. 106, lines 13-14; p. 107, section 4.3.2). Balog states that the initial event in the development of ascites can come in many forms, but the ultimate factor is an inadequate oxygen supply (p. 102, 1st col., 1st sentence of last paragraph) and that oxygen requirement is the most critical trigger of ascites in broilers (p. 109 1st col., 1st sentence of last paragraph).
- 2. Emmessar teaches that dimethylglycine (DMG) is a modified amino acid that is found in any living body. Emmessar teaches that in its primary action, <u>DMG helps in absorption</u>, transport, and delivery of oxygen to the cells of the body and that <u>DMG is an enhanced provider of vital oxygen to the individual cells of the body</u> (p. 3 under item 2, entitled How does DMG work?). Emmessar teaches that DMG is used to help transport oxygen to mitochondria. Emmessar further teaches that DMG functions to increase

work output, as an anti-stress nutrient, and immune response potentiator, and as an antioxidant. Emmessar teaches that one use of DMG is as a nutritional feed supplement for humans and animals and states that by virtue of its property of being an oxygen provider to the cells of the body it has the following applications as a nutritional supplement: as a feed supplement for, *inter alia*, poultry for the purpose of enhancement of athletic performance, disease free growth through higher immunity, high meat quality, imparting resistance to various diseases in, *inter alia*, poultries farms, etc. (p. 4 under item I, entitled End use as a nutritional feed supplement for humans and animals). Furthermore, Emmessar teaches that DMG can help prevent cancer and other diseases by supplying sufficient oxygen to body cells.

3. In light of these teachings, it would have been *prima facie* obvious to one of ordinary skill in the art at the time of the invention to add DMG to poultry feed, to provide a treatment for ascites in broiler chickens. One would have been motivated to do so because Balog teaches that inadequate oxygen (i.e. hypoxia) is the primary cause of ascites and since Emmessar teaches that DMG is useful as a poultry feed supplement to enhance oxygen absorption and delivery. Further, one would have a high expectation of success since Emmessar also teaches that DMG can increase resistance to various diseases. The combination of Balog and Emmessar renders claims 1, 2, 4, 5, 19, 20, 22, 23, 33, 34, and 36 obvious.

Response to Arguments

Applicants' arguments have been fully considered but are not persuasive.

Applicants discount the teachings of Emmessar and argue that the effects of DMG on

oxygen absorption and delivery have not been effectively proven (response, pgs. 9-10).

Applicants improperly discount the teachings of Emmessar. The fact that Emmessar does not do basic research has no bearing on the fact that Emmessar teaches that in its primary action, DMG helps in absorption, transport, and delivery of oxygen to the cells of the body and that DMG is an enhanced provider of vital oxygen to the individual cells of the body. Applicants are apparently arguing that because Emmessar does not do basic research (an assertion that is unsupported by any evidence), Emmessar would not be a credible source for knowing the properties of the products that they sell. This is a nonsensical proposition because the seller of a product is just as likely (if not more likely) to be aware of its effects as a basic researcher studying the product. Indeed, it is to the advantage of any distributor to know as much as possible about its products, including their effects and advantages so that they can most effectively market these products.

Moreover, applicants are reminded that obviousness does not require absolute predictability, only a reasonable expectation of success, i.e., a reasonable expectation of obtaining similar properties. See, e.g., *In re O 'Farrell*, 853 F.2d 894, 903, 7 USPQ2d 1673, 1681 (Fed. Cir. 1988). See MPEP § 2143.02: obviousness requires only a reasonable expectation of success. A reasonable expectation of success is clearly provided by Emmessar.

Furthermore, applicants 1) refer to a primary literature reference that supports Emmessar's teachings that DMG improves oxygen use (i.e. decreases hypoxia, as stated by applicants on p. 10 of the response, referring to Kendall *et al.* (2000)) and 2)

applicants admit that "It is indeed known that ascites is basically caused by a hypoxemic condition (see Balog) and that DMG is able to decrease hypoxia to various tissues..."

This admission alone is sufficient evidence to sustain the finding of obviousness.

Applicants further argue that a complicated chain of biochemical events would lead one away from using DMG as suggested by the prior art (p. 10-11).

However, this argument is unpersuasive for at least two reasons. First, applicants rely on their own data to support the argument. It is noted that at the time of the invention, an artisan would not have had the benefit of applicants' disclosure. Thus, this data is not even relevant to the finding of obviousness at the time of the invention. Second, and more importantly, applicants' argument is fundamentally flawed. As applicants admit, DMG is able to decrease hypoxia to various tissues (response, p. 10). Since hypoxia is at the *origin* of ascites and DMG decreases hypoxia, it appears irrelevant what happens in the biochemical cascade *following* hypoxia to result in ascites, which is what applicant is arguing would lead an artisan away from the use of DMG. Based on the prior art, an artisan would fully expect DMG to reduce hypoxia, which is the first step in the chain of biochemical events leading to ascites, as taught by Balog and admitted by applicants.

Finally, applicants argue that that they have identified the mechanism by which DMG treats ascites, and assert that this mechanism is different than that taught in the art (p. 10-11).

However, this argument is unpersuasive because there is nothing in the instant claims relating to the mechanism of action of DMG. All that is required by the claims is

See Ex parte Obiaya, 227 USPQ 58, 60 (Bd. Pat. App. & Inter. 1985).

administration of DMG to poultry, specifically broiler chickens, which is rendered obvious by the prior art. Applicants are reminded that the motivation for combining prior art elements does not have to be the same as that disclosed by applicant in order to establish a case of obviousness. The fact that applicant has recognized another advantage which would flow naturally from following the suggestion of the prior art cannot be the basis for patentability when the differences would otherwise be obvious.

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Claims 21 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Balog and Emmessar as applied to claims 1, 2, 4, 5, 19, 20, 22, 23, 33, and 34 above, and further in view of COOK (U.S. 6,852,333; Issued Feb. 8, 2005).

- 4. The teachings of Balog and Emmessar are presented *supra*. Balog teaches that, in an attempt to curb ascites syndrome, a large effort has been put forth in determining dietary manipulations that will decrease ascites incidence (p. 107, section 4.3.5). Emmessar teaches that DMG is useful as a feed supplement for, *inter alia*, poultry (p. 3). While neither reference explicitly teaches incorporation of DMG into drinking water, such would readily have been envisioned by the skilled artisan.
- 5. For example, Cook discloses compositions and methods for enhancing production gains in broiler chickens by employing anti-stress agents that may be supplied in animal foodstuffs or water (col. 6, lines 49-50). Moreover, Cook teaches that typical feed conversion (FCRs) for broiler chickens are less than 2.5, even under stress conditions (Fig. 8). Moreover, Cook presents data that suggest broiler chickens under stress that have been treated with an anti-stress composition approach and even

surpass the efficiency of feed conversion to weight gain observed in unstressed control birds.

6. In light of these teachings, it would have been *prima facie* obvious to one of ordinary skill in the art at the time of the invention to add DMG to poultry feed or water, to provide a treatment for ascites in broiler chickens. One would have been motivated to do so because Cook establishes that addition of agents to the drinking water of livestock is an acceptable means for administering treatment compounds. Furthermore, DMG is a known anti-stress agent as taught by Emmessar. Thus, one would have been motivated to use it under conditions of low FCR and high growth rate (which Cook establishes are typical) to ease the stress on the animals as taught by Cook. The combination of Balog, Emmessar, and Cook renders claims 21 and 25 obvious.

Response to Arguments

Applicants' arguments have been fully considered but are not persuasive. Applicants present no further arguments relating specifically to claims 21 and 25. The arguments with respect to Cook relating to claim 26 are discussed below, and incorporated herein.

Claim 24 is rejected under 35 U.S.C. 103(a) as being unpatentable over Balog, Emmessar, and Cook as applied to claims 1, 2, 4, 5, 19, 20, 22, 23, 33, and 34 above, and further in view of MOLLY (WO 03/043440; Published May 30, 2003).

1. The teachings of Balog, Emmessar, and Cook are presented *supra*. Cook teaches that anti-stress agents can be administered in a broad effective range and that

appropriate dosages can be selected by the skilled reader according to known protocols (col. 8, lines 54-57). However, Cook explicitly teaches dosages in terms of g/kg and does not explicitly teach the amounts in % wt of the feed. It would be routine for the skilled artisan to determine the optimal amount of DMG to add to animal feed compositions, particularly given the disclosure of Cook.

- 2. The MPEP states that, "Generally, differences in concentration or temperature will not support the patentability of subject matter encompassed by the prior art unless there is evidence indicating such concentration or temperature is critical. "[W]here the general conditions of a claim are disclosed in the prior art, it is not inventive to discover the optimum or workable ranges by routine experimentation." *In re Aller*, 220 F.2d 454, 456, 105 USPQ 233, 235 (CCPA 1955). See MPEP § 2144.05.
- 3. Moreover, inclusion of feed additives in the instantly claimed ranges was conventional at the time of the invention. For instance, Molly discloses compositions and methods for improvement of growth, reducing feed conversion, and/or for improving health of animals comprising including various additives in animal feeds (abstract). The compositions can be used as feeds for poultry (p. 10, lines 12-16). When used in animal feeds, the compositions of the invention are used in a range of 0.01-20% by weight of the feed, and in a range of 0.1-5% in one embodiment (p. 9, last paragraph to p. 10, line 10).
- 4. In light of these teachings, it would have been *prima facie* obvious to one of ordinary skill in the art at the time of the invention to use DMG as a supplement for poultry feed as taught by Cook, in the instantly claimed wt. % ranges, which are taught

in the art as conventional. The combination of Balog, Emmessar, Cook, and Molly renders claim 24 obvious.

Response to Arguments

Applicants' arguments have been fully considered but are not persuasive. Applicants present no further arguments relating specifically to claim 24. The arguments with respect to Cook relating to claim 26 are discussed below, and incorporated herein.

Claims 1-6, 26-31, 33, 35, and new claim 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over COOK (U.S. 6,852,333; Issued Feb. 8, 2005) in view of ZHANG (U.S. 6,875,890; Filed Jun. 29, 2004).

5. Cook discloses compositions and methods for enhancing production gains in animals by employing anti-stress agents (abstract). Cook teaches that various infections and diseases are a major concern for agricultural livestock production as these conditions contribute to stress and subsequent weight loss in the animals (col. 1, lines 14-60). Cook teaches that many of the disadvantages associated with these issues can be addressed by reducing animal stress levels (col. 1, lines 61-63; col. 2, lines 30-33 and 58-60; col. 3, lines 6-13). The animals treatable with anti-stress agents include chickens (col. 5, lines 31-40; Experiment 7), and the oral administration may be achieved by supplying the agent in animal foodstuffs or water (col. 6, lines 49-50). Specifically, Cook states that anti-stress treatment of broiler chickens increases growth rate by reducing the stress response and increasing the efficiency by which feed was

converted into body weight (col. 17, lines 5-24). Cook teaches that typical feed conversion (FCRs) for broiler chickens are less than 2.5, even under stress conditions (Fig. 8). Moreover, Cook presents data that suggest broiler chickens under stress that have been treated with an anti-stress composition approach and even surpass the efficiency of feed conversion to weight gain observed in unstressed control birds (FCRs of less than 2.5) (col. 17, lines 19-24). Cook teaches that preferred classes of anti-stress agents include amino acids (col. 8, lines 8-12). Cook does not teach the instantly recited glycine compounds as anti-stress agents.

- 6. However, Cook teaches that any appropriate anti-stress compounds known in the art may be employed in the invention (col. 7, lines 65-67). Zhang discloses a process for preparing DMG, and teaches that DMG is known as a nutritional supplement that helps the body adapt to various forms of stress (abstract; col. 1, lines 44-46). Zhang explicitly teaches that DMG is an anti-stress nutrient: "The nutritional and physiological properties of DMG come from it being an Ergogenic (tending to increase work output) substance, an anti-stress nutrient, a cell antioxidant, and an immune response potentiator." (col. 1, lines 50-55).
- 7. In light of these teachings, it would have been *prima facie* obvious to one of ordinary skill in the art at the time of the invention to use DMG as a supplement for poultry feed as taught by Cook, to provide a suitable anti-stress feed additive for broiler chickens. In doing so, one would be merely substituting equivalents known for the same purpose (i.e. anti-stress compounds). Such substitution of active agents is clearly within the skill of the ordinary artisan. Furthermore, the MPEP states that "An express

suggestion to substitute one equivalent component or process for another is not necessary to render such substitution obvious. *In re Fout*, 675 F.2d 297, 213 USPQ 532 (CCPA 1982)." See MPEP § 2144.06(II). The combination of Cook and Zhang renders claims 1-6, 26-31, 33, and 35 obvious.

Response to Arguments

Applicants' arguments have been fully considered but are not persuasive. Applicants argue that Cook teaches away from using DMG as an "antistress agent" because of the definition for this term provided by Cook (response, p. 12).

Cook does not teach away from using DMG as an anti-stress agent. As stated in the prior Office Action, Cook explicitly states that amino acids are a preferred class of antistress agent (col. 8, lines 8-12). As pointed out by applicants, Cook defines an antistress agent as compounds or compositions effective in reducing stress (col. 7, line 57-58). Further, applicants admit that Zhang teaches that DMG (i.e. an amino acid) is an anti-stress nutrient (col. 1, lines 50-55). Thus, any ordinary artisan would understand Zhang's teaching to mean that DMG is effective in reducing stress. It is further noted that, while applicants attempt to classify DMG as a nutrient without anti-stress properties (which is what is intended to be distinguished by Cook), DMG is not mentioned in the patents mentioned by Cook and referred to by applicants. Thus, it is unknown how Cook can possibly teach away from the use of DMG. The prior art provides a reasonable expectation of success in using DMG to reduce stress.

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Claims 7 and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cook in view of Zhang as applied to claims 1-6, 26-31, 33, and 35 above, and further in view of MOLLY (WO 03/043440; Published May 30, 2003).

- 8. The teachings of Cook and Zhang are presented *supra*. Cook teaches that antistress agents can be administered in a broad effective range and that appropriate dosages can be selected by the skilled reader according to known protocols (col. 8, lines 54-57). However, Cook explicitly teaches dosages in terms of g/kg and does not explicitly teach the amounts in % wt of the feed. It would be routine for the skilled artisan to determine the optimal amount of DMG to add to animal feed compositions, particularly given the disclosure of Cook.
- 9. The MPEP states that, Generally, differences in concentration or temperature will not support the patentability of subject matter encompassed by the prior art unless there is evidence indicating such concentration or temperature is critical. "[W]here the general conditions of a claim are disclosed in the prior art, it is not inventive to discover the optimum or workable ranges by routine experimentation." *In re Aller*, 220 F.2d 454, 456, 105 USPQ 233, 235 (CCPA 1955). See MPEP § 2144.05.
- 10. Moreover, inclusion of feed additives in the instantly claimed ranges was conventional at the time of the invention. For instance, Molly discloses compositions and methods for improvement of growth, reducing feed conversion, and/or for improving health of animals comprising including various additives in animal feeds (abstract). The compositions can be used as feeds for poultry (p. 10, lines 12-16). When used in animal feeds, the compositions of the invention are used in a range of 0.01-20% by

weight of the feed, and in a range of 0.1-5% in one embodiment (p. 9, last paragraph to p. 10, line 10).

11. In light of these teachings, it would have been *prima facie* obvious to one of ordinary skill in the art at the time of the invention to use DMG as a supplement for poultry feed as taught by Cook, in the instantly claimed wt. % ranges, which are taught in the art as conventional. The combination of Cook, Zhang, and Molly renders claims 7 and 32 obvious.

Response to Arguments

Applicants' arguments have been fully considered but are not persuasive. Applicants present no further arguments relating specifically to claims 7 or 32. The arguments with respect to Cook, *supra*, are incorporated herein.

Regarding the obviousness rejections herein, it is noted that a reference is good not only for what it teaches by direct anticipation but also for what one of ordinary skill in the art might reasonably infer from the teachings. (*In re Opprecht* 12 USPQ 2d 1235, 1236 (Fed Cir. 1989); *In re Bode* 193 USPQ 12 (CCPA) 1976). In light of the forgoing discussion, the examiner concludes that the subject matter defined by the instant claims would have been obvious within the meaning of 35 USC 103(a). From the teachings of the references, it is apparent that one of ordinary skill in the art would have had a reasonable expectation of success in producing the claimed invention. Therefore, in the absence of evidence to the contrary, the invention as a whole was *prima facie* obvious

to one of ordinary skill in the art at the time the invention was made, as evidenced by the references.

Summary/Conclusion

Claims 1-7 and 19-36 are rejected; claims 8-18 are cancelled.

Applicants' amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin S. Orwig whose telephone number is (571)270-5869. The examiner can normally be reached Monday-Friday 7:00 am-4:00 pm (with alternate Fridays off). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sharmila Landau can be reached Monday-Friday 8:00 am-5:00 pm at (571)272-0614. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Kevin S Orwig/

/David J Blanchard/ Primary Examiner, Art Unit 1643